Service Manual

Chapter 4

Connection CPU-BOX
Service CPU-BOX

Connection CPU-BOX

PS/2 mouse connector

COM 1 for Billacceptor & RS 232 Touch see List

DVI-D for Upper Display must have DVI

LAN for VLT Version

LINE OUT to Sound Board

This port is for a PS/2 keyboard

COM 2 for E-Key

VGA for Lower Display

4 USB for USB TOUCH

COM 3 for TICKET-Printer & VAD

COM 4 for SAS & Test

Touch List
ELO-USB
ELO-RS 232
3M-Microtouch-USB
3m-Microtouch-RS 232
A-Touch-USB

Note: If you no USB-Touch Connected the RS 232 Billaccceptor Have no Function!!!

WARNING

Check whether input and output is connected property because otherwise the CPU-BOX destroyed

Connector INPUT to IO-Board INPUT

Connector OUTPUT to IO-Board OUTPUT

Connector POWER to ATX Power Supply min. 500W

Serialnumber of CPU-BOX

Service CPU-BOX

Here is the Key to open the Box

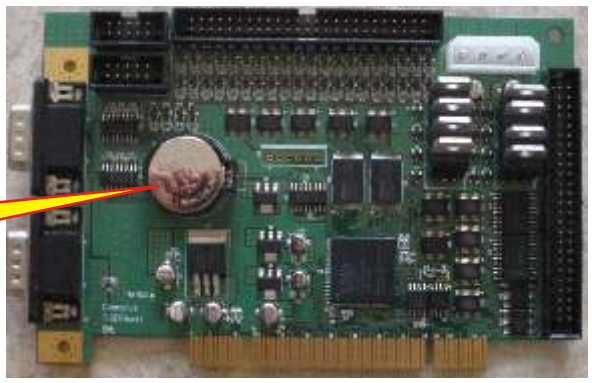
CPU-BOX CLOSED

CPU-BOX - Part-Number: 000075
Key CPU-BOX - Part-Number: 000275

RAM DDR2 1GB | Bios Batt. 3V | PCI Conn. | Enter License Number | Tiger IO Board

CPU-BOX OPEN

Battery 2032 3V - Part-Number: 000276
DDR2 Ram 1GB - Part-Number: 000277
PCI-Riser-Flex - Part-Number: 000210



Here is Memory Batt. 3V this Batt. Is for the Bookkepping

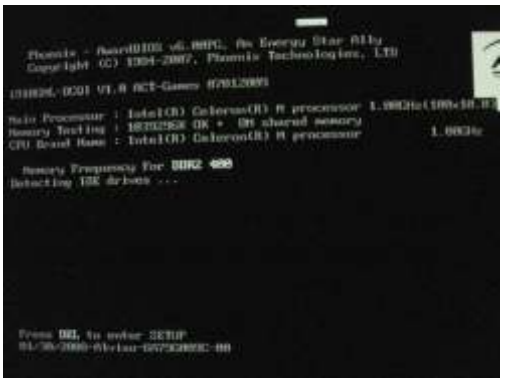
Tiger IO

Battery 2032 3V - Part-Number: 000276
Tiger- IO-Part-Number:000209

Bios Setting

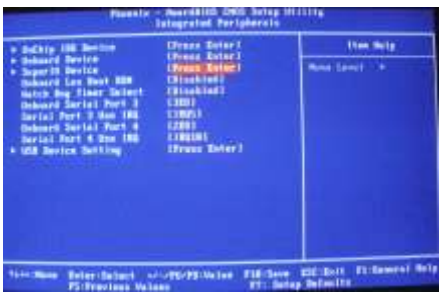
Connect a Keyboard to the CPU-Box

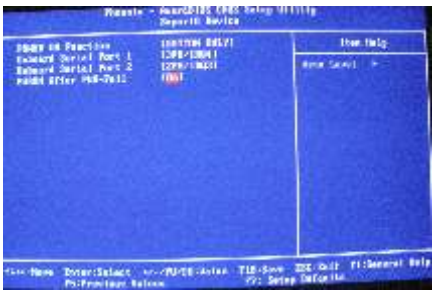
Turn off Power
Turn on Power
If you see this screen press the DEL key



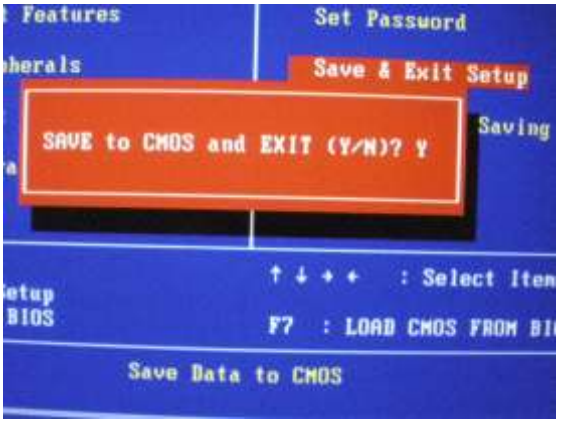
For time setting go to the next 2 screens

For PWR-ON setting go to the next 3 screens

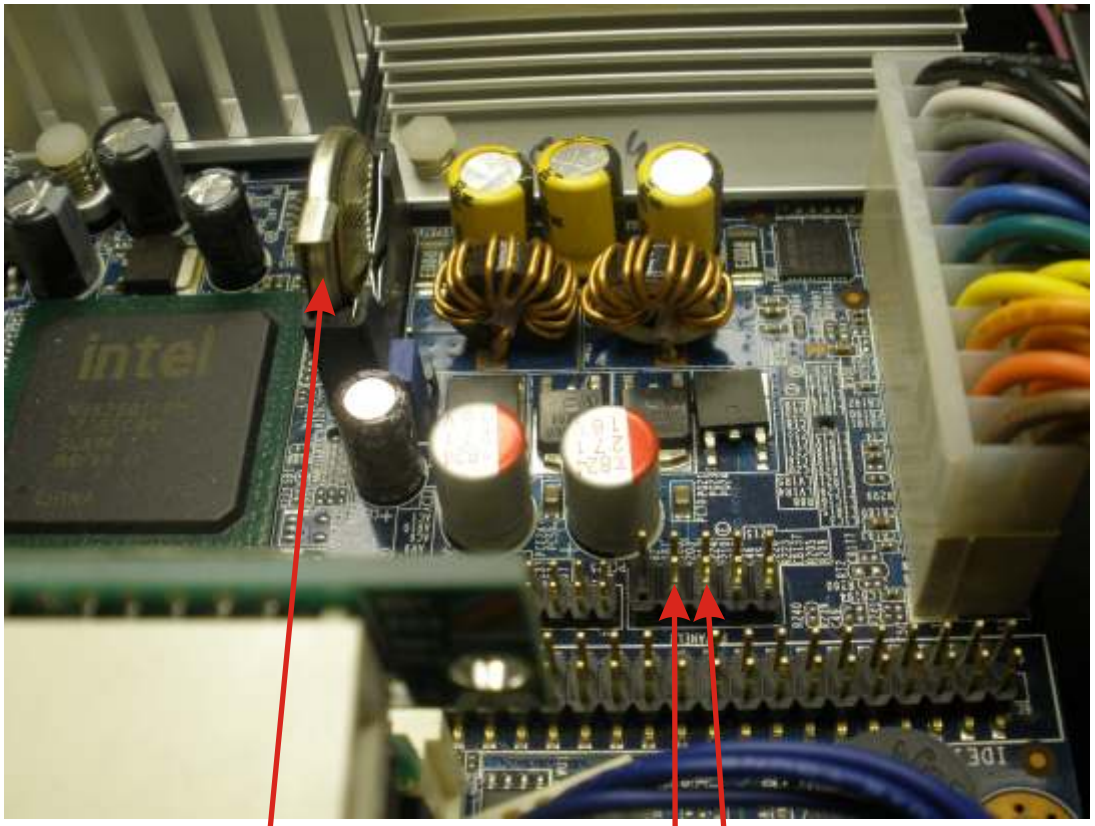




For save go to the next 2 screens



Motherboard Reset



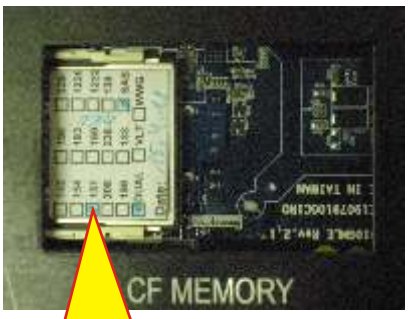
This is the motherboard battery

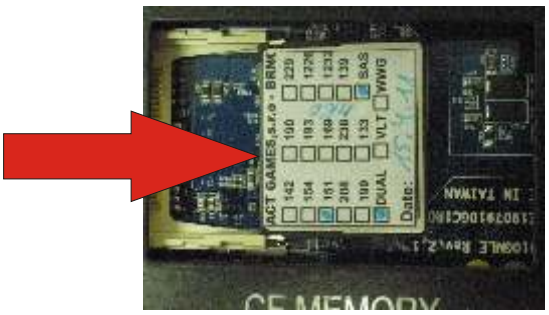
These two pins short-circuit to start the Mainboard

If not coming the boot image
Please remove this battery for 3 min.
Reinstall the Battery
and try to start again

After motherboard reset edit the bios settings
see page 4-3

CF card swap





On the back side is the CF card connector

Remove CF card in the arrow direction install the new CF card vice versa.

After removing CF-Card you must make a Master Ram Clear
see Page 2-9

CF-Card - Part-Number: 000074

IO Board Error

If you see this screen the Tiger-IO has no contact to the motherboard

1. Check that the tiger-IO is hot

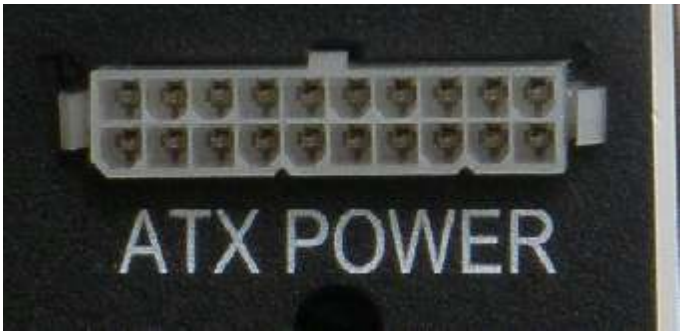
(if the tiger-IO is hot after 1 minute then is it defective and must be replaced)

2. Check the PCI connection

(clean the PCI connection. Plug in the PCI connection correctly on)

Motherboard is not turning

1.Check that all pins are properly seated in the power connector



2.Cleaning the DDR2 Ram (see Page 4-2)